

### Abstract

The device for storing, mixing, and dispensing components is provided with means for mixing (6) a first component (27)  
5 with a second, liquid component (28) and for dispensing the mixed materials. The individual components (27, 28) are stored in respective containers (2, 3) that are arranged side by side, and a valve assembly (8) is arranged in the transfer area (7) between the outlet area (26) of the  
10 container (3) for storing the second, liquid component (28) and the liquid inlet (25) of the container (2) for storing the first component (27). Such a device allows an unproblematic storage of the different components without a local separation of the containers and an efficient mix  
15 thereof. This applies especially if the first component is a powder or a granular or porous substance, e.g. bone cement or bone replacement material.

20

(Figure 1)